Lab 4

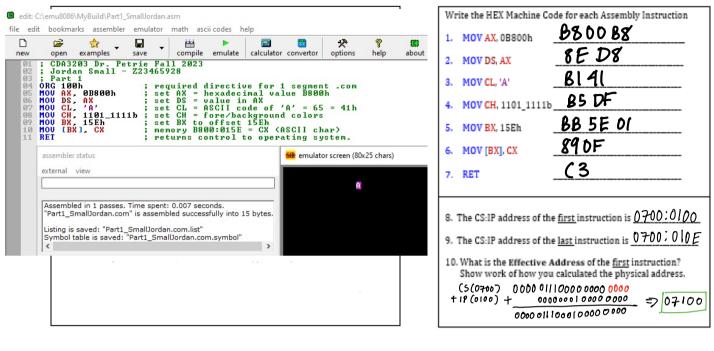
Jordan Small

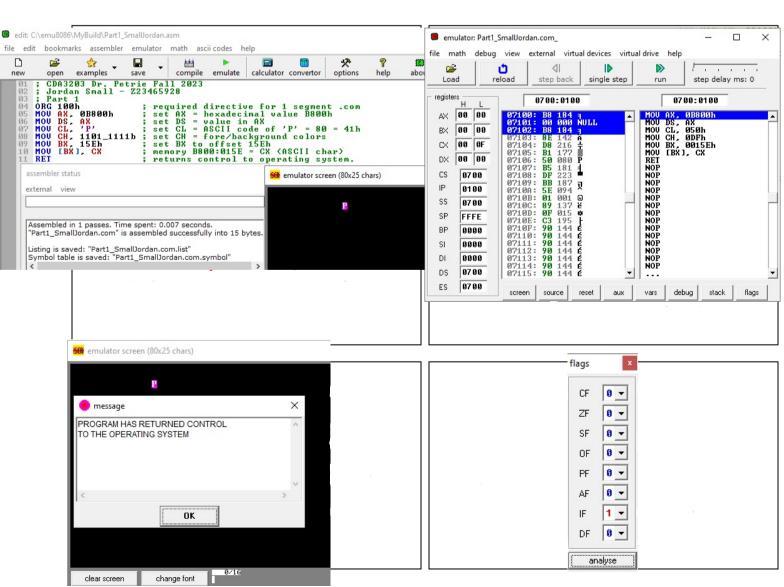
November 12, 2023

CDA 3203 Computer Logic Design
Spring 2023

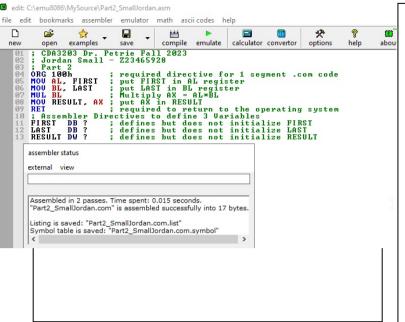
Dr. Maria Petrie Florida Atlantic University

Part 1.





Part 2



11. Compare the instructions in the Editor window with the assembled code in the Emulator window.

What did the Emulator substitute for the following in the assembled instructions:

FIRST was changed to DOIODH

LAST was changed to DOIOFh

RESULT was changed to 0010 FL

13. Look at RESULT and AX in the different windows snipped show value AFTER you Single Stepped:

In Emulator window, AX = $\frac{43163}{644}$ OF 015 0100/ In Variables window, RESULT = $\frac{644}{9}$ (unsigned)

In RAM window, 2 bytes of RESULT = $\frac{A}{A}$

12. In Symbol Table snip find the Offset of

14. DS:Offset is the address of RESULT. Calculate the 20-bit

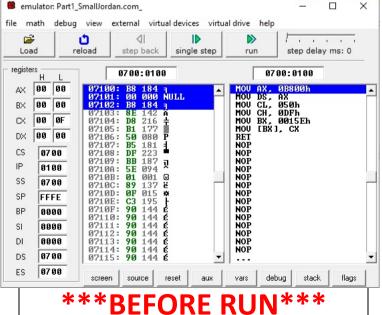
Effective Address of RESULT in Hex? <u>07/09</u>

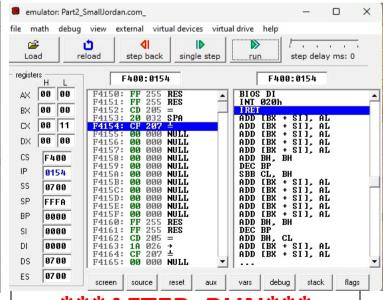
Show work of how you calculated the physical address: 0700:010 9 (5/0700) 0000 0111 0000 0000 0000

19 (0109)+

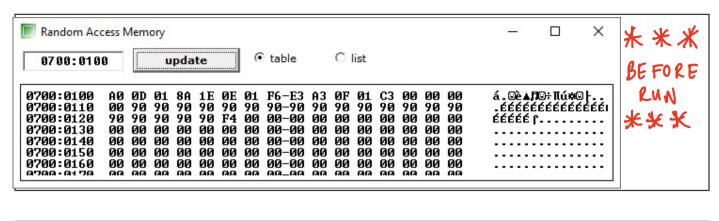
0000 0111 0000 0000 0000

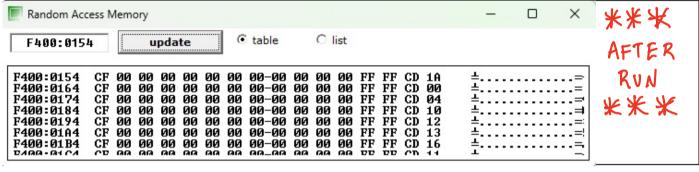
≥07109

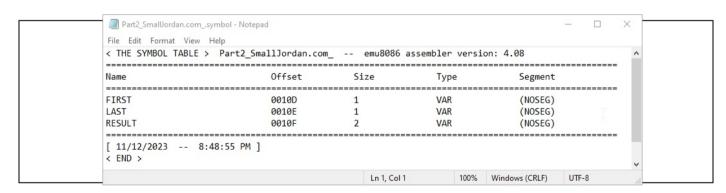


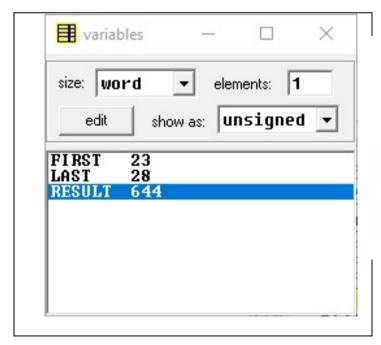


AFTER RUN









Confirmation SPOT Survey was completed

SPOT - Student Perception of Teaching

Survey Completed.

You are currently logged in as jsmall2018.



STA4821 Stochastic Models for CS Instructor: Aalo, Valentine A. Section: 006 CRN: 14073

